

Memorandum

DATE: MAR 13 2007

REPLY TO
ATTN OF: EM-60 (James Shuler, 301-903-5513)

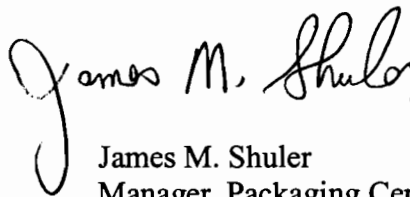
SUBJECT: Authorization for shipments Using Available Seal

TO: Keith A. Klein, Manager, Richland Operations Office

Your request of February 26, 2007, stated a concern about using an in stock commercial grade nitrile seal with an integral cadmium plated washer, Parker Part Number 7500-1-12 (required by the SARP). The seal's stated a shelf life is through 2008 (25 years), but the manufacture suggested the shelf life is closer to 15 years. New Parker Part Number 7500-1-12 seals are no longer available. If you could not use the seal on stock, you would need to find an equivalent seal and have the seal approved for use. This seal for the pusher plug is replaced on an annual basis. The pusher plug is secured by a 1-12UNF-2B slotted stainless steel hex nut. The nut is sealed against the threads of the stainless steel pusher plug and the referenced Parker ThredSeal™. There are no design provisions to allow for testing of the Pusher Plug Thread Seal nor are there any requirements for it to be tested.

The original thread seal design was approved by the Nuclear Regulatory Commission. The expiration only affects the sealing capacity which is not directly responsible for safety. Based on this information and limited amount of shipments to be made, the seals in your stock can be used. An approval to make these shipments was sent via email to Richard Self on March 8, 2007.

If you have any questions, please contact me at 301-903-5513.



James M. Shuler
Manager, Packaging Certification Program
Safety Management and Operations
Office of Environmental Management

cc:
Richard Self, RL